

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E25213

Employer : Western Washington University

Worksite : Western Washington University

Street : 516 High St Parking & Transportat

Jurisdiction : City of Bellingham

Survey Date : 5/19/2014

Survey Type : Online

Response Rate : 75%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 53.4%

Reported Total Employees at Worksite: 1,750

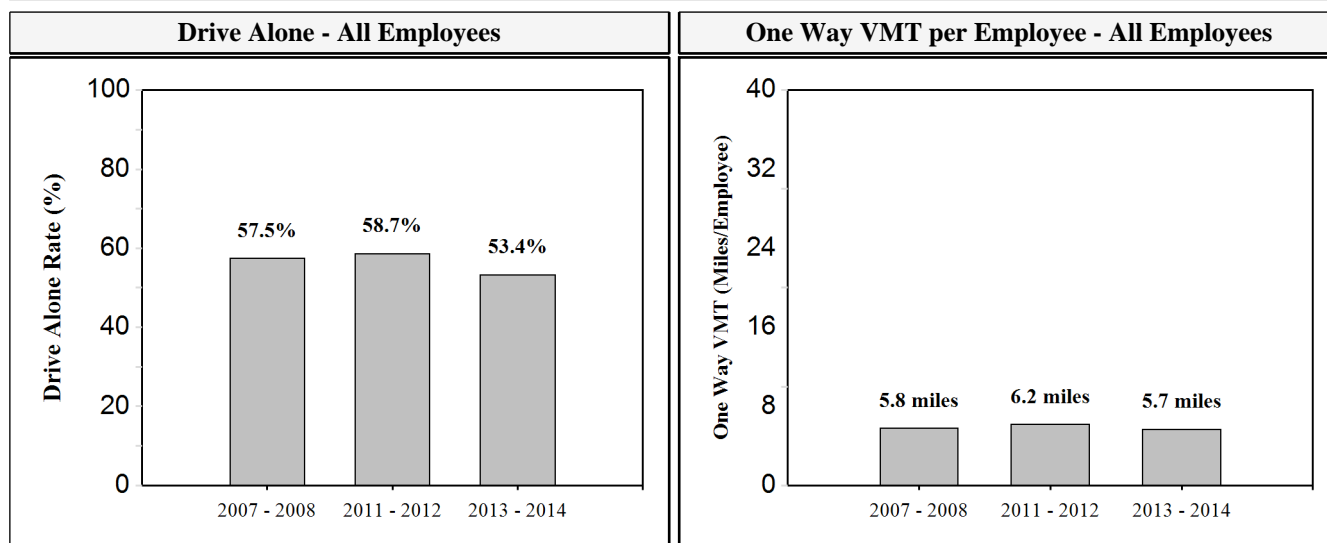
Surveys Distributed : 1,750

One-Way VMT per employee : 5.7

Surveys Returned : 1,305

Surveys Returned by CTR Affected Employees : 1,053

Total Estimated CTR - Affected Employees at Worksite : 1,412



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	57.5%	59.2%	5.8	6.1
2009 - 2010	55.0%	54.2%	5.4	5.1
2011 - 2012	58.7%	58.8%	6.2	5.8
2013 - 2014	53.4%	53.0%	5.7	5.5
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-7.1%	-10.5%	-1.7%	-9.8%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2013 - 2014
Drive Alone - All Employees*	57.5%	58.7%	53.4%
Drive Alone - CTR Affected Employees*	59.2%	58.8%	53.0%
VMT/Employee - All Employees	5.8	6.2	5.7
VMT/Employee - CTR Affected Employees	6.1	5.8	5.5

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	1,803	1,734	1,604
Estimated Emissions for Total Employment	2,550	2,080	2,151

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	825,801	590,500	963,908
Bus Annual Passenger Miles - Surveyed Employees	583,900	492,400	718,800
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	4,693
Ferry Annual Passenger Miles - Surveyed Employees	0	0	3,500
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	15,557	21,586	54,847
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	11,000	18,000	40,900

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

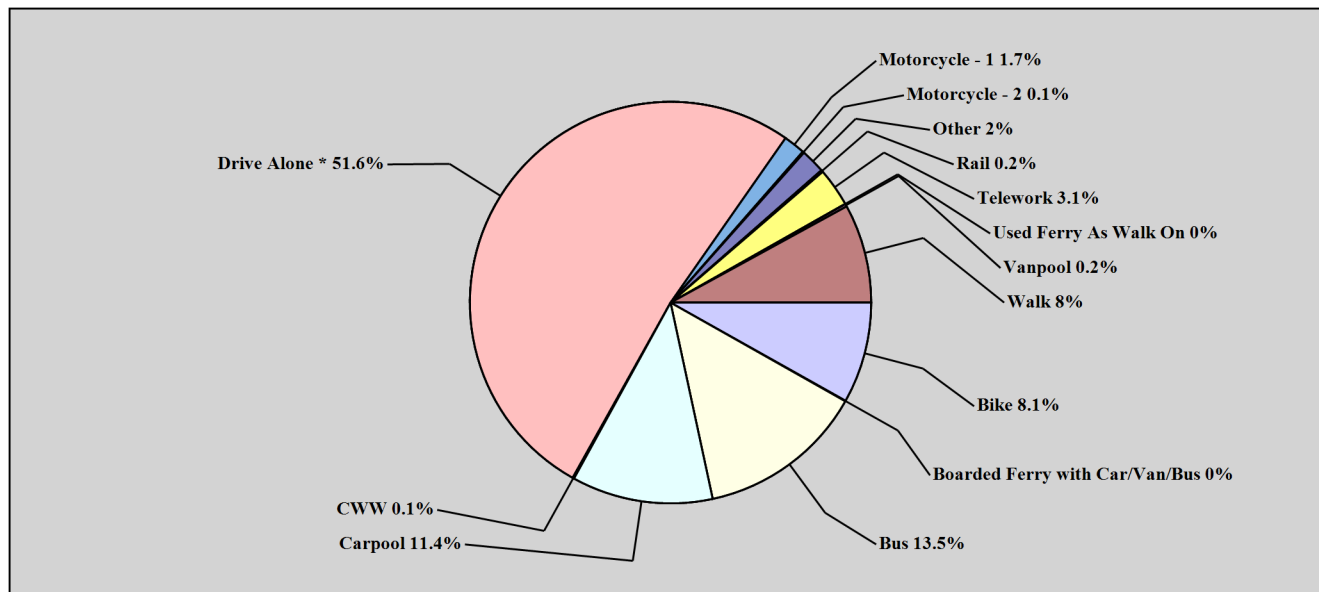
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 9.6 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



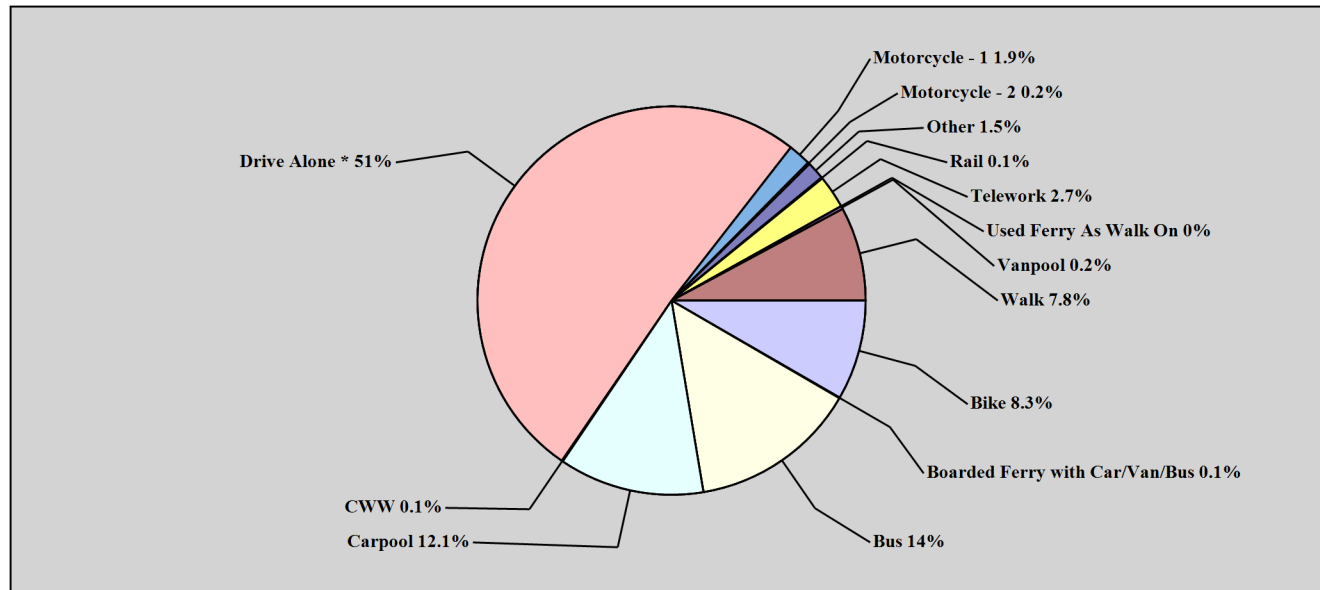
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,287	51.6%	57.6%	809	62.0%	65.8%
Carpool	724	11.4%	12.4%	206	15.8%	17.2%
Vanpool	13	0.2%	0.1%	4	0.3%	0.1%
Motorcycle - 1	111	1.7%	1.2%	31	2.4%	1.5%
Motorcycle - 2	8	0.1%	0.0%	4	0.3%	0.2%
Bus	857	13.5%	11.6%	236	18.1%	15.5%
Rail	10	0.2%	0.0%	5	0.4%	0.1%
Bike	518	8.1%	6.3%	155	11.9%	7.9%
Walk	507	8.0%	7.1%	141	10.8%	9.0%
Telework	198	3.1%	2.2%	92	7.1%	6.1%
CWW	8	0.1%	0.2%	8	0.6%	0.8%
Boarded Ferry with Car/Van/Bus	3	0.0%	0.0%	2	0.2%	0.0%
Used Ferry As Walk On	2	0.0%	0.0%	2	0.2%	0.0%
Other	125	2.0%	1.3%	38	2.9%	1.8%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,670	51.0%	57.5%	647	61.4%	65.6%
Carpool	634	12.1%	12.8%	182	17.3%	18.2%
Vanpool	13	0.2%	0.0%	4	0.4%	0.0%
Motorcycle - 1	99	1.9%	1.3%	26	2.5%	1.6%
Motorcycle - 2	8	0.2%	0.0%	4	0.4%	0.1%
Bus	733	14.0%	11.4%	197	18.7%	15.0%
Rail	5	0.1%	0.0%	3	0.3%	0.0%
Bike	436	8.3%	6.7%	124	11.8%	8.5%
Walk	410	7.8%	7.1%	112	10.6%	8.9%
Telework	144	2.7%	2.0%	71	6.7%	5.6%
CWW	5	0.1%	0.2%	5	0.5%	0.6%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.0%	2	0.2%	0.0%
Used Ferry As Walk On	1	0.0%	0.0%	1	0.1%	0.0%
Other	78	1.5%	1.2%	26	2.5%	1.9%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	586	45%	1,305	100%
1 Days	59	5%	719	55%
2 Days	76	6%	660	51%
3 Days	70	5%	584	45%
4 Days	94	7%	514	39%
5 Days	373	29%	420	32%
6 or More Days	47	4%	47	4%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	439	40.4%	103	9.5%	153	14.1%	128	11.8%	0	0%	3	0.3%	166	15.3%	16	1.5%	504	46.4%
4 days a week (4/10s)	5	8.1%	31	50%	3	4.8%	6	9.7%	0	0%	0	0%	6	9.7%	2	3.2%	21	33.9%
3 days a week	0	0%	20	48.8%	5	12.2%	0	0%	0	0%	0	0%	2	4.9%	2	4.9%	15	36.6%
9 days in 2 weeks (9/80)	1	25%	1	25%	0	0%	0	0%	0	0%	0	0%	2	50%	0	0%	2	50%
7 days in 2 weeks	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	100%
Other	15	17.6%	11	12.9%	8	9.4%	4	4.7%	1	1.2%	0	0%	12	14.1%	0	0%	32	37.6%

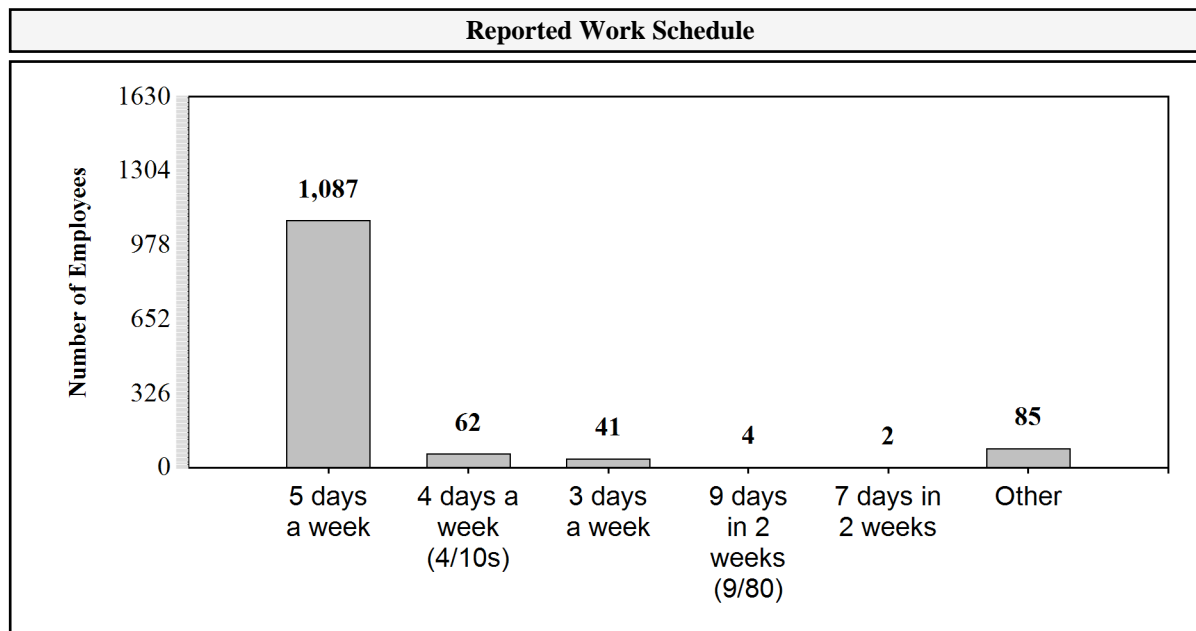
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	120
2	Motorcycle	6
2	Carpool	626
3	Carpool	78
4	Carpool	15
5	Carpool	5
>5	Carpool	0
<5	Vanpool	10
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	3
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

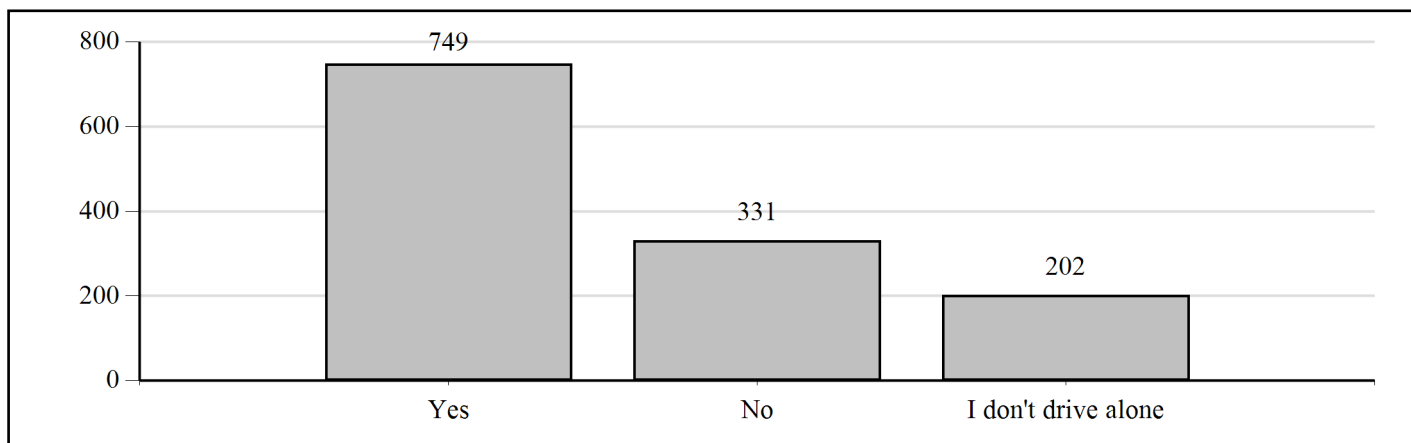
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	1,087	84.9%
4 days a week (4/10s)	62	4.8%
3 days a week	41	3.2%
9 days in 2 weeks (9/80)	4	0.3%
7 days in 2 weeks	2	0.2%
Other	85	6.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	17	1.3%
I don't telework	911	69.8%
Occasionally, on an as-needed basis	207	15.9%
1-2 days/month	42	3.2%
1 day/week	44	3.4%
2 days/week	56	4.3%
3 days/week	28	2.1%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Environmental and community benefits	460	18.3%
Personal health or well-being	395	15.7%
To save money	384	15.2%
Cost of parking or lack of parking	332	13.2%
Free or subsidized bus, train, vanpool pass or fare benefit	235	9.3%
Other	214	8.5%
I have the option of teleworking	143	5.7%
Financial incentives for carpooling, bicycling or walking.	136	5.4%
Driving myself is not an option	116	4.6%
Emergency ride home is provided	41	1.6%
Preferred/reserved carpool/vanpool parking is provided	29	1.2%
I receive a financial incentive for giving up my parking space	20	0.8%
To save time using the HOV lane	15	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	635	23.8%
I like the convenience of having my car	586	22.0%
Family care or similar obligations	523	19.6%
Other	417	15.6%
My job requires me to use my car for work	199	7.5%
Bicycling or walking isn't safe	137	5.1%
My commute distance is too short	123	4.6%
I need more information on alternative modes	29	1.1%
There isn't any secure or covered bicycle parking	17	0.6%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	2	0	2	0	0	2	34	4	6
2	3	1	0	2	0	0	2	34	8	7
3	0	0	0	0	0	0	0	19	1	1
4	1	0	0	0	0	0	0	26	0	2
5	3	0	0	0	0	0	0	44	0	5
6	0	0	0	1	0	0	0	17	0	0
7	1	0	0	0	0	0	0	4	0	0
8	2	0	0	0	0	0	0	27	0	0
9	0	0	0	0	0	0	0	5	0	0
10	5	0	0	0	0	0	0	45	0	2
11 or more	0	0	0	0	0	0	0	25	0	1
# Of Employees using Transit	17	3	0	5	0	0	4	280	13	24
Total One-Way Transit Trips Per Week	100	4	0	12	0	0	6	1734	23	106

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	2	0	0	0	0	2	27	3	5
2	2	1	0	2	0	0	1	25	6	5
3	0	0	0	0	0	0	0	13	1	0
4	0	0	0	0	0	0	0	20	0	2
5	1	0	0	0	0	0	0	39	0	3
6	0	0	0	0	0	0	0	10	0	0
7	1	0	0	0	0	0	0	3	0	0
8	1	0	0	0	0	0	0	21	0	0
9	0	0	0	0	0	0	0	5	0	0
10	5	0	0	0	0	0	0	40	0	2
11 or more	0	0	0	0	0	0	0	22	0	1
# Of Employees using Transit	12	3	0	2	0	0	3	225	10	18
Total One-Way Transit Trips Per Week	76	4	0	4	0	0	4	1445	18	88

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	2	0.15%	5	0	0	5	2	0	0	0	0	0	0	0	0
522	1	0.08%	7	0	0	0	0	0	0	0	0	0	0	0	0
98007	2	0.15%	1	2	0	0	5	0	0	0	2	0	0	0	0
98008	1	0.08%	4	0	0	0	0	0	0	0	0	0	0	0	0
98012	3	0.23%	12	0	0	0	0	0	0	0	0	0	0	0	0
98020	1	0.08%	3	0	0	0	0	0	0	0	0	0	0	0	0
98036	1	0.08%	2	0	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.08%	1	0	0	0	0	0	0	0	5	0	0	0	0
98059	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.08%	0	0	0	0	0	2	0	0	2	0	0	0	0
98105	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98106	1	0.08%	4	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.08%	4	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98117	1	0.08%	2	0	0	0	0	0	0	0	0	0	0	0	0
98119	1	0.08%	0	0	0	0	0	2	0	0	0	0	0	0	0
98122	1	0.08%	4	0	0	0	0	0	0	0	0	0	0	0	0
98125	1	0.08%	0	0	0	0	0	0	0	0	0	0	0	0	2
98155	3	0.23%	6	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.08%	3	0	0	0	0	0	0	0	2	0	0	0	0
98221	16	1.23%	57	0	0	1	2	0	7	2	9	0	0	0	0
98223	3	0.23%	13	0	0	0	0	0	0	0	2	0	0	0	0
98225	508	38.93%	850	182	7	41	435	5	377	486	67	2	0	2	36
98226	233	17.85%	770	118	0	25	89	0	65	6	37	3	0	0	37
98227	2	0.15%	5	0	0	0	5	0	0	0	0	0	0	0	0



98228	1	0.08%	4	0	0	0	0	0	1	0	0	0	0	0	0
98229	283	21.69%	810	244	6	24	151	0	65	13	51	1	0	0	35
98230	30	2.30%	88	23	0	0	31	0	1	0	5	0	0	0	0
98231	1	0.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98232	5	0.38%	14	7	0	0	4	0	0	0	0	0	0	0	0
98233	8	0.61%	17	10	0	0	9	0	0	0	4	0	0	0	0
98239	1	0.08%	2	0	0	0	0	0	0	0	3	0	0	0	0
98240	6	0.46%	13	0	0	0	15	0	0	0	0	0	0	0	0
98241	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98244	7	0.54%	14	16	0	0	4	0	0	0	0	0	0	0	0
98247	20	1.53%	83	9	0	1	0	0	0	0	0	0	2	0	5
98248	65	4.98%	217	47	0	9	41	0	0	0	1	1	0	0	2
98263	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98264	31	2.38%	78	31	0	8	30	1	2	0	0	1	0	0	0
98266	4	0.31%	7	2	0	0	7	0	0	0	0	0	0	0	0
98267	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98270	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98271	2	0.15%	10	0	0	0	0	0	0	0	0	0	0	0	0
98273	13	1.00%	27	15	0	2	10	0	0	0	1	0	0	0	3
98274	4	0.31%	17	0	0	0	0	0	0	0	0	0	0	0	5
98275	1	0.08%	3	0	0	0	0	0	0	0	0	0	0	0	0
98277	1	0.08%	2	0	0	0	0	0	0	0	1	0	0	0	0
98282	1	0.08%	3	0	0	0	0	0	0	0	3	0	0	0	0
98284	17	1.30%	41	13	0	10	12	0	0	0	3	0	0	0	0
98292	3	0.23%	15	0	0	0	0	0	0	0	0	0	0	0	0
98295	3	0.23%	13	0	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.08%	0	5	0	0	0	0	0	0	0	0	0	0	0
98363	1	0.08%	4	0	0	0	0	0	0	0	0	0	1	0	0
98370	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98374	1	0.08%	2	0	0	0	0	0	0	0	0	0	0	0	0